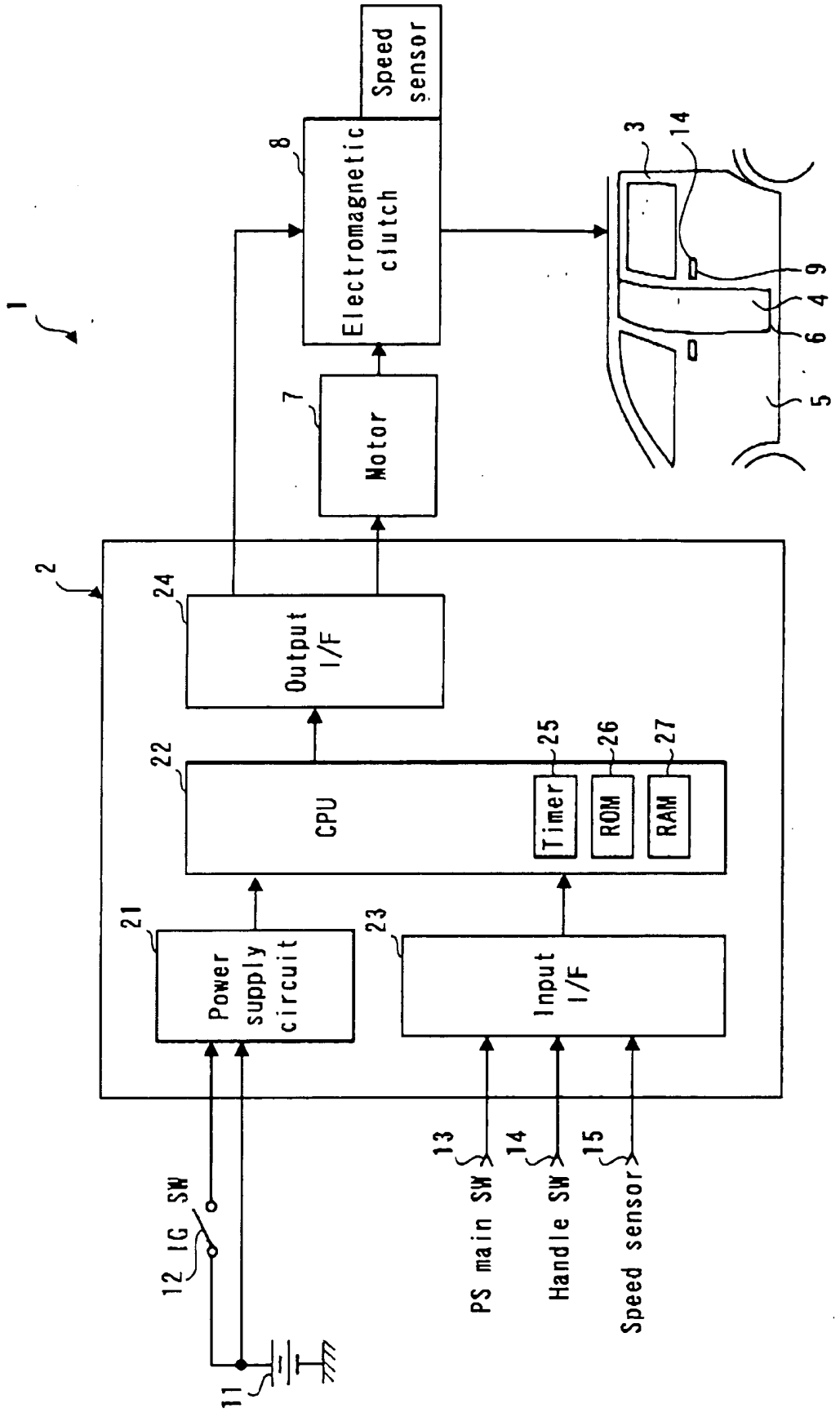
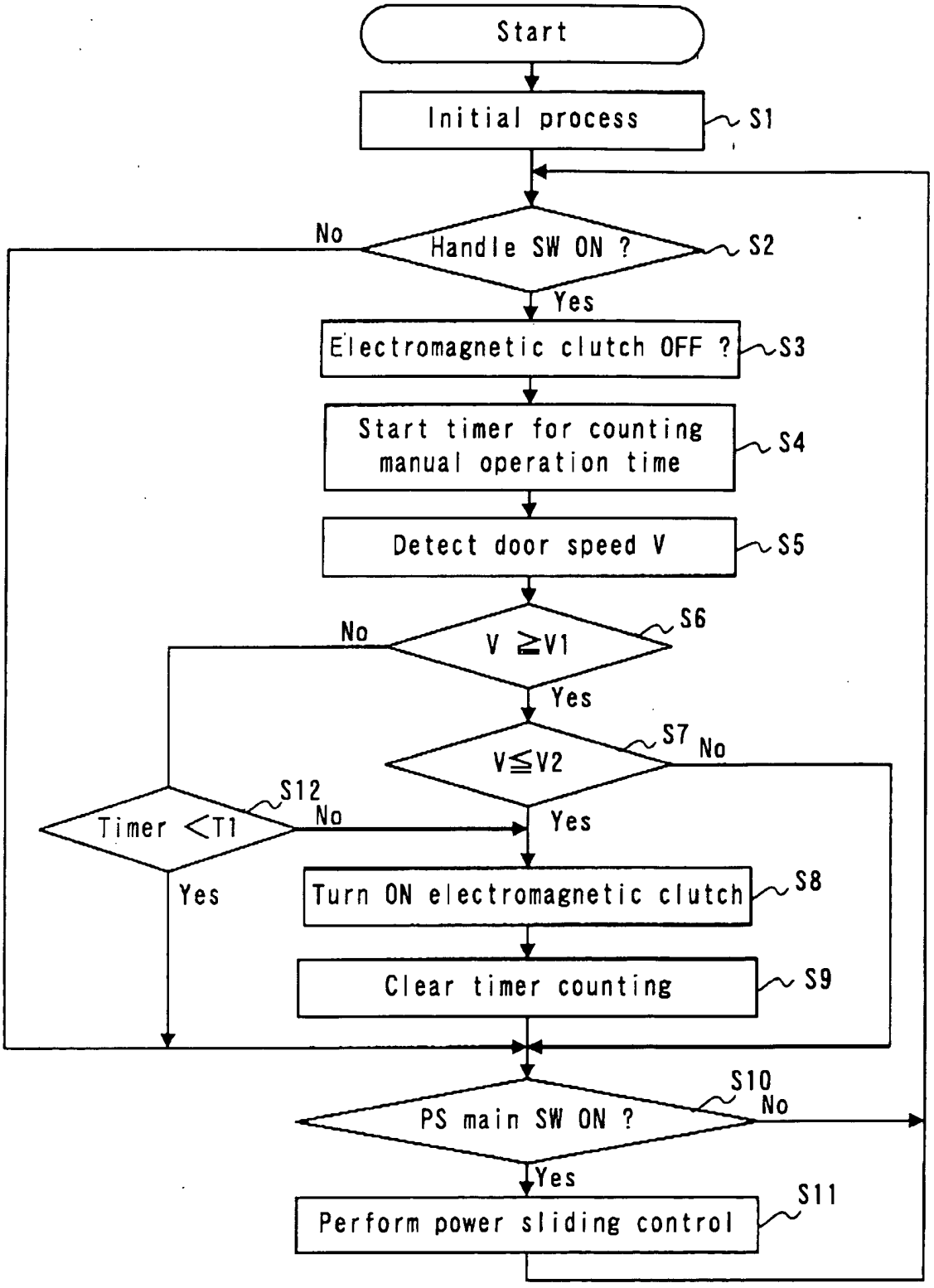

1
2
3
4
5
6
7
8
9
11
12 IG SW
13
14
15
21
22
23
24
25
26
27
Speed sensor
Electromagnetic clutch
Motor
Output I/F
CPU
Timer
ROM
RAM
Power supply circuit
Input I/F
PS main SW
Handle SW
Speed sensor

FIG. 1

FIG. 2


Start
Initial process
S1
No
Handle SW ON ?
S2
Yes
Electromagnetic clutch OFF ?
S3
Start timer for counting manual operation time
S4
Detect door speed V
S5
No
V ≧V1
S6
Yes
V≦V2
S7
No
Yes
Timer <T1
S12
No
Yes
Turn ON electromagnetic clutch
S8
Clear timer counting
S9
PS main SW ON ?
S10
No
Yes
Perform power sliding control
S11